**Supplemental Table 6:** Summary of tissue-association for ncNATs and pcGenes.

|  |  |  |
| --- | --- | --- |
| **ncNATs (82.9% of 11,944)** | **Number** | **Percentage [%]** |
| Tissue-specific | 2,204 | 18.5 |
| Testis-specific | 1,491 | 12.5 |
| Tissue-enriched | 1,037 | 8.7 |
| Tissue-enhanced | 6,661 | 55.8 |
| Group-enriched | 403 | 3.4 |
| Group-enhanced | 3,084 | 25.8 |
| Ubiquitously expressed | 1,858 | 15.6 |
| Ubiquitously expressed w/o genes in other categories | 1,139 | 9.5 |
| **ncNATs Gencode/RefSeq (82.8% of** **6,727)** | **Number** | **Percentage [%]** |
| Tissue-specific | 1,272 | 18.9 |
| Testis-specific | 955 | 14.2 |
| Tissue-enriched | 706 | 10.5 |
| Tissue-enhanced | 3,592 | 53.4 |
| Group-enriched | 254 | 3.8 |
| Group-enhanced | 1,768 | 26.3 |
| Ubiquitously expressed | 1,212 | 18 |
| Ubiquitously expressed w/o genes in other categories | 728 | 10.8 |
| **pcGenes (56.6% of** **18,767)** | **Number** | **Percentage [%]** |
| Tissue-specific | 683 | 3.6 |
| Testis-specific | 452 | 2.4 |
| Tissue-enriched | 2,230 | 11.9 |
| Tissue-enhanced | 7,703 | 41 |
| Group-enriched | 758 | 4 |
| Group-enhanced | 3,900 | 20.8 |
| Ubiquitously expressed | 13,191 | 70.3 |
| Ubiquitously expressed w/o genes in other categories | 7,984 | 42.5 |